Federation of Malysia

EDICT OF GOVERNMENT

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ASD 101 (2006) (English): Airport Standards Directives

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AIRPORT STANDARDS DIRECTIVE 101
[ASD 101]

AIRPORT STANDARDS DIRECTIVES

AIRPORTS STANDARDS DIVISION
DEPARTMENT OF CIVIL AVIATION MALAYSIA

This Airport Standards Directive is published and enforced by the Director General of Civil Aviation Malaysia under the provision of the Section 24o Civil Aviation Act 1969 (Act 3).

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INTRODUCTION

1. Convention on International Civil Aviation Articles 28 and 37 obligate Contracting States to provide, in its territory, aerodromes, and its facilities and services, in accordance with Standards and Recommended Practices [SARP] as recommended or established by the International Civil Aviation Organization. Standards are specifications which uniform application is recognized as necessary for safety and regularity of air navigation and to which Contracting States shall conform. In addition, States shall attempt to observe the Recommended practices.

2. The Civil Aviation Act 1969 Section 3[1] empowers the Minister to make regulations for regulating, inter-alia, aerodromes and, for carrying out the Articles to the Convention and the SARP to the Annexes. Malaysia Civil Aviation Regulation 1996, Regulation 201, depicts ipso facto application of Annexes 1 to 18 to the Civil Aviation Regulations.

3. The generality of the Regulations and the Standard and Recommended Practices [SARP], however, necessitates detail deliberation to facilitate understanding and correct application.

4. Airport Standards Directives are published in support of the powers of the Director General of Civil Aviation contained in the Civil Aviation (Amendment) Act 2003 Section 24o. It is intended to give guidance on means of complying to the Act, Regulations and the Articles to the Convention on International Civil Aviation and the Standards and Recommended Practices contained in Annexes to the Convention.

5. In developing of Airport Standards Directives, the Director General of Civil Aviation will endeavour to adopt a flexible approach consistent with the achievement of a satisfactory level of safety, and with observance of Malaysia's international obligations under the Convention on International Civil Aviation 1944.

OBJECTIVE

6. Airport Standards Directives are published in order to permit the Director General of Civil Aviation to fulfill its regulatory obligations under the Civil Aviation Act 1969 Section 2B, to ensure that high safety standards are set and achieved, in cooperation with those regulated.

7. Airport Standards Directives are intended to provide guidance, in the form of rules, practices, requirements and instructions, to which aerodrome operators, and persons or companies engaged in aerodrome development or in activities, services, works and other developments on and in vicinity of aerodromes that may affect aerodrome operations, are informed and compliance is mandatory.

8. The Authority shall adopt the rules, practices and requirements contained in Airport Standards Directives as the basis for a judgment on the potential and suitability of an aerodrome, its facilities, its services and its environs for the scale and scope of aviation activities that are to take place at the aerodrome.

AUTHORITY

9. The Authority for publication, amendment and distribution of Airport Standards Directives [ASD] is the Director General of Civil Aviation Malaysia.

PRINCIPLES

10. Airport Standards Directives embrace the Civil Aviation Act 1969, Civil Aviation Regulation 1996 and the Articles to the Convention on International Civil Aviation; and the Standards and Recommended Practices contained in Annexes to the Convention in so far as these have been adopted for by Malaysia. The requirements under Airport Standards Directives, therefore, are not intended to supersede or conflict with statutory requirements, and obligation to comply with statutory requirements remains.

11. The Airport Standards Directives provide details of means of compliance to the Act, Regulations and the Articles to the Convention on International Civil Aviation and the Standards and Recommended Practices contained in Annexes to the Convention. The means of compliance are translated as rules, practices, requirements and instructions, to which aerodrome operators, and persons or companies engaged in aerodrome development or in activities, services, works and other developments on and in vicinity of aerodromes that may affect aerodrome operations, are informed and compliance is mandatory.

12. The Director General of Civil Aviation is to have reference to Airport Standards Directives when exercising regulatory powers referred to in the Civil Aviation Regulations and, in particular, will normally exercise those powers so as to ensure the effective implementation of the Airport Standards Directives.

13. Non-compliance to Airport Standards Directives may be subject to punitive action provided under Civil Aviation (Amendment) Act 2003 Section 24o (2).

14. Whilst Airport Standards Directives are addressed particularly to aerodrome operators, the contents of the document may of interest to other parties, including local authorities, who shall cooperate to ensure rules, practices, requirements and instructions established therein are appropriately observed.

REQUIREMENTS

15. Airport Standards Directives shall act as a vehicle for the Department of Civil Aviation to regulate aerodromes and, aerodrome facilities, services and environs, in order to ensure that high safety standards are set and achieved in cooperation with those regulated whilst minimizing regulatory burden.

16. Airport Standards Directives provides the industry with guidance to aid in their assessment of initial and continuous compliance to requirements under the Civil Aviation Act 1969, Civil Aviation Regulation 1996 and the Articles to the Convention on International Civil Aviation; and the Standards and Recommended Practices contained in Annexes to the Convention.

REQUIREMENTS CAPTURE

17. Requirements capture is a process of identifying a need for new or amended requirements and may be triggered by:

    [i] Ad-hoc comments.
    Ad-hoc Comments may be submitted, at any time, on the contents of Airport Standards Directives, using the AD-HOC COMMENTS FORM **[Appendix I].**

    [ii] International Obligations
    Changes to ICAO Standards and Recommended Practices.

    [iii] Industry Demand
    Introduction of service systems, equipment or implementation of procedures for which no applicable requirements currently exist.

    [iv] New Technology
    Introduction and developments of new technology in the provision of aerodrome services.

REVIEW

18. The Authority will continually review its published safety requirements in the Airport Standards Directives, and where practicable and appropriate, restate them in terms of the objective that is to be achieved.

19. It must, therefore, be recognized that rules, practices, requirements and instructions in Airport Standards Directives may be changed from time to time on grounds of safety, as a result of ICAO deliberations or other reasons as detailed under Requirements Capture.

NOTIFICATION OF CHANGES

20. A reasonable period of prior notification would normally be given to make alert the changes made to rules, practices, requirements or instructions in Airport Standards Directives.

21. The Authority shall issue NOTICE TO AERODROME OPERATORS [NOTA], as detailed in Airport Standards Directive ASD102, to facilitate dissemination of information regarding the changes to Airport Standards Directives **[Appendix II].**

22. NOTA will be effective until such time when the changed rules, practices, requirements and instructions are incorporated into the Airport Standards Directive. The Authority shall notify NOTA cancellation **[Appendix III].**

AMENDMENT

23. The Authority shall provide amendments to Airport Standards Directives **[Appendix IV].**

24. Changes to the text are identified by the use of sideline revision marks. The date of publication on each page is also amended.

25. Holders of Airport Standards Directives are to make updates to the Amendment Record.

STRUCTURE

26. Document Control Pages consists of the Title Page, Publication Page, Contents and Amendment Record Page.

27. Content page contains an overall list of contents for the Airport Standards Directives including list of Appendices.

28. The document text typically contains:

    [i] safety objectives;

    [ii] mandatory requirements which have to be satisfied;

    [iii] acceptable means of compliance; and

    [iv] guidance and/or notes which provide additional information.

29. Appendices are placed at the end of the document text and, arranged and numbered, in consecutive manner as they are referred in the text.

DISTRIBUTION

30. Airport Standards Directives, and any amendments thereto, shall be distributed to the following:

    [i] DCA Managers;

    [ii] Operators of Certified Aerodromes; and

    [iii] Operators of Registered Aerodromes.

31. Where appropriate, DCA Managers may be requested to extend copies of Airport Standards Directives to relevant Local Authorities.

32. Airport Standards Directives are also provided to the various Divisions of the Department of Civil Aviation, in particular, the Air Traffic Services Division and the Flight Operations Division.

33. Others may obtained Airport Standards Directives upon request made to the:

Department of Civil Aviation
Airport Standards Division
Level 1 Block Podium B 4G4 Precinct 4
Federal Government Administration Offices
62570 Putrajaya.
Phone: 03-88714000
Fax : 03-88714335

34. The Appendices to this Directive shall be taken, construed, read and be part of this Directive.

DATO' IR. KOK SOO CHON
Director General
Department of Civil Aviation
Malaysia

Dated: 20 May 2005

AMENDMENT RECORD

Amendment Number	Amendment Date	Incorporated by	Incorporated on
1/2006	4 Jan 2006	Para 33 / App. I - IV	4 Jan 2006

APPENDIX I
AIRPORT STANDARDS DIRECTIVE : AD-HOC COMMENTS FORM

AD-HOC COMMENTS FORM

JABATAN PENERBANGAN AWAM MALAYSIA
[DEPARTMENT OF CIVIL AVIATION MALAYSIA]

AIRPORT STANDARDS DIRECTIVE
AD-HOC COMMENTS

All comments should be sent to:

DEPARTMENT OF CIVIL AVIATION
AIRPORT STANDARDS DIVISION
LEVEL 1 BLOCK PODIUM B 4G4 PERCINCT 4
FEDERAL GOVERNMENT ADMINISTRATION OFFICES
62570 PUTRAJAYA.

PHONE: 03-88714000 FAX: 03-88714335

Please complete the following details:

Name :

Organization / Company :

ASD Number	Paragraph	Comments/Action	Rationale

....
[Signature] [Company stamp]

Date : .....

Guidance notes:

1. IDENTIFICATION: Please provide the necessary details identifying yourself so that response to your comments can be provided if required.
2. REFERENCE: Each comment should make reference to the relevant item in the publication using the ASD Number and the Paragraph Number of the Directive.
3. COMMENT SRTRUCTURE: Each comment should relate only to a single item, and where possible, propose an action giving the rationale for the proposal.

APPENDIX II
NOTICE TO AERODROME OPERATORS [SAMPLE]

NOTICE TO AERODROME OPERATORS

DEPARTMENT OF CIVIL AVIATION
AIRPORT STANDARDS DIVISION
LEVEL 1 BLOCK PODIUM B 4G4 PERCINCT 4
FEDERAL GOVERNMENT ADMINISTRATION OFFICES
62570 PUTRAJAYA.

PHONE: 03-88714000
FAX : 03-88714335

NOTA 1/2005
6 MAY

CHANGE TO AIRPORT STANDARDS DIRECTIVE ASD401 DEFINITION OF OBSTACLES

1. INTRODUCTION

1.1 The purpose of this NOTA is to provide early notification on the changes to Airport Standards Directive ASD401.

1.2 The changes are made in reference to amendment to the SARPS in Annex 14 Volume I dated 1 December 2003.

2. AMENDMENT TO AIRPORT STANDARDS DIRECTIVE ASD401

2.1 Amendment is made on paragraph 12(v) as follows:

Objects that extend to a height of **200 metres** or more above aerodrome elevation are obstacles in areas beyond the limits of obstacle limitation surfaces.

3. EFFECTIVE DATE

3.1 This amendment shall take effect from 6 June 2005.

DIRECTOR GENERAL
DEPARTMENT OF CIVIL AVIATION
MALAYSIA

APPENDIX III
NOTAC [SAMPLE]

NOTA CANCELLATION

DEPARTMENT OF CIVIL AVIATION
AIRPORT STANDARDS DIVISION
LEVEL 1 BLOCK PODIUM B 4G4 PERCINCT 4
FEDERAL GOVERNMENT ADMINISTRATION OFFICES
62570 PUTRAJAYA.

PHONE: 03-88714000
FAX : 03-88714335

NOTAC 7/2005
28 DEC

NOTA 1/2003 CANCELLATION

1. This is to notify NOTA 1/2005 published on 6 May 2005 is cancelled with immediate effect.

2. Subject matter referred in NOTA 1/2005 has been incorporated into Airport Standards Directive...[ASD number]...as Amendment.....[amendment number]....dated .....[date].....

DIRECTOR GENERAL
DEPARTMENT OF CIVIL AVIATION
MALAYSIA

APPENDIX IV
AIRPORT STANDARDS DIRECTIVE AMENDMENT [SAMPLE]

JABATAN PENERBANGAN AWAM MALAYSIA
[DEPARTMENT OF CIVIL AVIATION MALAYSIA]

AIRPORT STANDARDS DIRECTIVE AMENDMENT

DEPARTMENT OF CIVIL AVIATION
AIRPORT STANDARDS DIVISION
LEVEL 1 BLOCK PODIUM B 4G4 PERCINCT 4
FEDERAL GOVERNMENT ADMINISTRATION OFFICE
62570 PUTRAJAYA.

PHONE: 03-88714000 FAX: 03-88714335

AMENDMENT 1/2005
30 DEC

1. This amendment[s] replaces the following[s]:

Airport Standards Directive	:	Aerodrome Directive number
Paragraph [s]	:	Paragraph number[s]

2. Subsequently, this amendment cancels NOTA....[number]....dated...[date]....

DIRECTOR GENERAL
DEPARTMENT OF CIVIL AVIATION
MALAYSIA

Guidance notes:

1. Page[s] of the amended Airport Standard Directive are attached.
2. Holders of Airport Standards Directive are to update their copy of the relevant Airport Standards Directive and to make record of changes in the Amendment Record Page.